

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 03/01327

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F25D15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F25D F25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.       |
|------------|--|-----------------------------|
| X          | DE 34 01 242 C (WERNER HERDIECKERHOFF<br>NACHF IN) 14 March 1985 (1985-03-14)      | 1,2,4-7,<br>11,<br>15-17,19 |
| Y          | abstract; figures 1,2  | 8-10,12,<br>13,18,<br>20-22 |
| A          | column 2, line 31 - column 3, line 15  | 3                           |
| Y          | US 6 018 511 (WILLIAMS JERRELL M ET AL)<br>1 February 1998 (1998-02-01)            | 8,9,<br>20-22               |
| A          | abstract; figures 1,2,5  | 1,5-7,<br>11,12,<br>15,19   |
|            | column 3, line 55 - column 4, line 65  |                             |
|            | ---<br>-/-   |                             |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

8 July 2003

Date of mailing of the international search report

14/07/2003

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages              | Relevant to claim No. |
| Y  | US 5 207 762 A (NEWMAN ARNOLD L)  | 10, 18                |
| A  | 4 May 1993 (1993-05-04)<br>abstract; figure 1<br>column 3, line 40 - line 42<br>---             | 1, 15                 |
| Y  | US 4 358 932 A (HELFRICH JR ROBERT C)   | 12, 13                |
| A  | 16 November 1982 (1982-11-16)<br>cited in the application<br>abstract; figure 2<br>---          | 1, 15                 |
| X  | FR 2 683 894 A (COMMISSARIAT ENERGIE<br>ATOMIQUE ; SORELEC (FR))                                | 1-3, 5-7              |
| A  | 21 May 1993 (1993-05-21)<br>abstract; figure 1<br><br>page 8, line 30 - page 9, line 1<br>----- | 4, 8,<br>15-17        |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/01327

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| DE 3401242                                | C | 14-03-1985          | DE 3401242 C1              | 14-03-1985          |
| US 6018961                                | A | 01-02-2000          | NONE                       |                     |
| US 5207762                                | A | 04-05-1993          | US 5317883 A               | 07-06-1994          |
| US 4358932                                | A | 16-11-1982          | NONE                       |                     |
| FR 2683894                                | A | 21-05-1993          | FR 2683894 A1              | 21-05-1993          |